



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh St., S.W.
Washington, D.C. 20590

AUG 7 2003

DOT-E 10802
(SIXTH REVISION)

EXPIRATION DATE: July 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Air Products and Chemicals, Inc.
Allentown, PA.

(See Appendix A of this exemption for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of carbon monoxide and gas mixtures containing carbon monoxide in DOT Specification 3AL cylinders charged to a pressure of 3,000 psig or less, subjected to the limitations and special requirements specified herein. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.302a(c) in that the maximum pressure may not exceed 2,000 psig, except as specified herein.
5. BASIS: This exemption is based on the application of Air Products and Chemicals, Inc. dated July 9, 2003, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Carbon monoxide	2.3	UN1016	NA
Compressed or Liquefied gases, flammable, n.o.s., 2.1, UN1954; Compressed or Liquefied gases, flammable, n.o.s., 2.3, UN1953; or Compressed or Liquefied gases, n.o.s., 2.2, UN1956, as appropriate	2.1, 2.2 or 2.3, as appro- priate	As appli- cable	NA

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a DOT Specification 3AL cylinder having a minimum service pressure of 1,800 psig and a maximum service pressure of 3000 psig. Each cylinder authorized under this exemption may be filled to a pressure of 3000 psig or less, provided it meets § 173.301a(c).

b. MARKING - Each cylinder must be plainly and durably marked "DOT-E 10802".

c. TESTING - Each cylinder must be tested and inspected as required for a DOT Specification 3AL cylinder.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this exemption and the HMR.

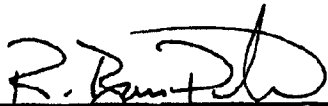
b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

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- c. Transportation of Division 2.1 (flammable gases) and Division 2.3 materials (gases which are poisonous by inhalation) are not authorized aboard cargo aircraft unless specifically authorized in the Hazardous Materials Table (§ 172.101).
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, and cargo aircraft only.
10. MODAL REQUIREMENTS:
- a. A current copy of this exemption must be carried aboard each cargo aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
 - b. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accidents.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.
- Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.
- No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.
12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the

holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:


Robert A. McGuire
fa Associate Administrator
for Hazardous Materials Safety

AUG 7 2003
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: CWF/alb

JUN 6 2005

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Advanced Gas Technologies, Inc. Palm, PA	Aug 14, 2003	Aug 28, 2003	Jul 31, 2005
Air Liquide America L.P. Houston, TX	May 23, 2005	JUN 6 2005	May 31, 2007
Air Products and Chemicals, Inc. Allentown, PA	Jul 09, 2003	Aug 07, 2003	Jul 31, 2005
Aldrich Chemical Company dba Isotec Miamisburg, OH	Jul 31, 2003	Aug 07, 2003	Jul 31, 2005
BOC Gases Murray Hill, NJ	May 17, 2005	JUN 6 2005	May 31, 2007
Matheson Tri-Gas, Inc. East Rutherford, NJ	May 9, 2005	JUN 6 2005	May 31, 2007



fr Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety